Getting Started

Step 1

Download RouterStatsHub.zip to your desktop. Using Windows Explorer, navigate to where you downloaded the zip file and click on it. Then click Extract all files at the top of Windows Explorer:



Type or navigate to a suitable folder to which to extract *RouterStatsHub* and click Extract:

If you're running any Windows version newer than XP, *RouterStatsHub* runs better in its own folder as shown below. If you *really* want to install *RouterStatsHub* in Program Files (x86) then you will need to confugure *RouterStatsHub* to 'Always Run As Administrator'.

Getting Started.pdf Adobe Acrobat Document Application T Extract Compressed (Zipped) Folders Select a Destination and Extract Files
Extract Compressed (Zipped) Folders Select a Destination and Extract Files
Extract Compressed (Zipped) Folders Select a Destination and Extract Files
Files will be extracted to this folder: C:\RouterStatsHub Browse Show extracted files when complete

Once extracted, right-click on your Desktop and select New -> Shortcut. Navigate to the folder in which you extracted RouterStatsHub.zip and create a desktop shortcut to RouterStatsHub.exe

Step 2



The first time *RouterStatsHub* is run, it will automatically open the Setup Wizard shown below:

RouterStatsHub			×
File Edit Configur	e Help		
II Pause	Stop Stop Capture View View ViewLog Downstream:		
Home Hub	RouterStatsHub Setup Wizard		
BT H	RouterStatsHub Setup Wizard	A-Z	
	Before using RouterStatsHub for the first time, you need to have logged into the Home Hub's Management interface at least once and created your own Password.		н
Wire	If you haven't already done this, or are unsure, please click on the link below to open your web browser at the BT Help pages and follow steps 1 and 2. <u>http://bt.custhelp.com</u>		
ADSL	Once you have the Home Hub's password, please press Next below.	Г	
Cont	Cancel Next	ι.	
Conr			
Downst	am:		÷
http://192.168.1.25 Start: Wed 03 April 12::	i4/htm/settings/a_adsl.html 35:41 log.txt: 9.74 KB Capture folder: 91.64 KB		

Before *RouterStatsHub* is able to access the Home Hub's management interface, you need to have logged into the Home Hub with your web browser at least once in order to set a new password.

Full instructions are provided on BT's Help pages at http://bt.custhelp.com/app/answers/detail/a_id/32209. Once you know the password you use to access your Hub, click the Next button on the *RouterStatsHub* setup wizard:

In the box below, please type the value is already in the box a	Home Hub's network and shouldn't normally	address. The default need changing.
Router network address:	http:// 192.168.1.254	
		Next

Type your network address in the box. This is usually 192.168.1.254 unless you have already changed it on your network. Leave it at the default value if you're unsure.

RouterStatsHub will only	work with the BT Home Hub version 3
There are two different m You can find the Type you have	nodels of version 3 (Type A and Type B). ve on the label on the underside of the Hub.
Please select you	Ir model below, then press 'Next'
Home Hub 3 Type	Туре А 👻

On the next wizard page, select the type of Home Hub you're using. The two types are very different and *RouterStatsHub* will not work unless the correct Type is selected.

RouterStatsHub can attemp experimental feature is not al	pt to log into the Home Hub automatically. This ways successful. Select the checkbox below to try.
Attempt to log into the Ho	ome Hub automatically after the first run
Home Hub Password	•••••
	Show password in plain text

If you have a Home Hub 3 Type A, *RouterStatsHub* will attempt to log into the Home Hub automatically if you select the Attempt to log into the Home Hub automatically after the first run checkbox. You will need to log in manually the first time, though, because *RouterStatsHub* needs to be taught know how to find the page with the Connection Information.

Type your password into the box and press the Next button.

Unfortunately, I haven't been able to get a Type B to log in automatically so you will not be shown this page of the setup wizard.

On the last page of the wizard, there is nothing to type so just press Finish.

Home Hub Type A

		EQ ViewLog	Upstream: Downstream:	
Hub Noise Margin Conn	ection Speed CRC Errors	HEC Errors	Configure Advanced	
BT F Settings > (Login)	Please navigate to the 'Con > Advanced Settings >	nection Information' p Continue > Broadt	age. band > Connection	A-Z
Home	Services	Settings	Troubleshooting	
Internet: Broadband username:	Connected bthomehub@btbroac	lband.com	Disconnect	
Broadband username:	bthomehub@btbroadband.com			
BT FON:	Active			
BT Manual Power Save:	Disabled		Configure	
BI Access Control:	Disabled		Configure	
My Home Network	o your BT Home Hub.			

RouterStatsHub will open on its Home Hub Tab displaying the Home Hubs 'Home' page. Because I've found that the page to the Connection Information can vary (believe it or not!), it's necessary for you to navigate to the Connection Information page "manually" on this first run. You will only be asked to do it the first time *RouterStatsHub* runs - unless the Home Hub decides to move the page!

To navigate to the Connection Information page, press *Settings*, at which point the Home Hub will ask you to log in. After logging in, click *Advanced Settings* and then press the Continue to Advanced Settings button. Then click *Broadband*, followed by *Connection*. (*RouterStatsHub* shows the "trail" you need to follow at the top of each page.)

You should now be looking at the ADSL Line Status / Connection Information page. Best of all, *RouterStatsHub* now knows where the page is as well so you need only do this once!

Home Hub Type B

When you close the setup wizard, you should be looking at the Home Hub's Login page. Once logged in with the Home Hub password, *RouterStatsHub* will take you directly to the Connection Information page. Unfortunately, with the Type B Home Hub, you will need to log in manually each time you Open *RouterStatsHub*.

First Run

At this stage, *RouterStatsHub* should have automatically started collecting data samples from the Home Hub. Click the Noise Margin Tab (just below the Pause button), wait a few minutes for *RouterStatsHub* to begin collecting the data and the values should begin to appear on the graph.

	R	esume	II Pause	Capture	View 🖸	ViewLog	uter Uptime: Upstream: 19.0 Downstream: 4.5	3 days, 21:58:41 dB 448 Kbps dB 4,188 Kbps	
Hor	me Hi	ub	Noise Margin	Connection Speed	CRC Errors	HEC Errors	Configure	Advanced	
2	6								-10
2	4								9
2	2								8
2	0								7
1	8								6
1	6								5
1	4	~~~							Ĕ.
1	2								4
1	0								-3
	2								-2
	4								-1
	2								0
	0								-1
	1								

The plots on the graphs will take a few minutes to appear but the current downstream Noise Margin will be shown on the system icon on the left end of the title bar. Also the current upstream and downstream values for Noise Margin and Connection Speed will be shown at the right of the Toolbar together with the Home Hub's total internet (WAN) uptime.

Each graph shows the upstream value on the left vertical axis (plotted in blue) and the downstream value on the right vertical axis (plotted in maroon).

Other graphs plot upstream and downstream values for Connection Speed, CRC Errors and HEC Errors. The last two graphs can be configured to show different values instead. See User defined graphs in the Help file enclosed with *RouterStatsHub*.